

CLAIMS

1. A loudspeaker comprising a frame coupled to a magnetic circuit formed by supporting in a manner sandwiching at least two pieces of bar magnets with an upper plate and a lower plate, a diaphragm coupled to a perimeter of the frame, and a voice coil a part of which being disposed in a magnetic gap of the magnetic circuit, wherein the voice coil has a shape of a track.

2. The loudspeaker of claim 1, wherein the configuration of the magnetic gap is that of a track.

3. The loudspeaker of any one of claim 1 and claim 2, wherein the outer configuration of the magnetic circuit is that of a track.

4. The loudspeaker of any one of claim 1 and claim 2, wherein the external configuration of the diaphragm is that of a track.

5. The loudspeaker of claim 1, wherein the magnetic gap at least has a straight section.

6. The loudspeaker of any one of claim 1 and claim 2, wherein the magnetic circuit is formed by dividing the upper plate.

7. The loudspeaker of any one of claim 1 and claim 2, wherein the magnetic circuit is formed by dividing the lower plate in the vertical direction.

8. The loudspeaker of any one of claim 1 and claim 2, wherein the lower plate is fabricated by bending a metal sheet.

9. The loudspeaker of any one of claim 1 and claim 2, wherein the magnetic circuit is formed by dividing the lower plate in the direction of the thickness.

10. The loudspeaker of any one of claim 1 and claim 2,

wherein a level difference is provided on a part of the upper plate, and a lead wire of the voice coil is taken out from a gap between the level difference and the frame.

11. The loudspeaker of any one of claim 1 and claim 2, wherein the upper plate is fabricated by bending a metal sheet.

12. The loudspeaker of any one of claim 1 and claim 2, wherein the upper plate and the lower plate are coupled by providing a protrusion on a perimeter of the upper plate and injection molding the frame after inserting the protrusion.

13. A module that combines the loudspeaker of any one of claim 1 and claim 2 and an electronic circuit.

14. An electronic apparatus equipped with the loudspeaker of any one of claim 1 and claim 2.